

Method for the production of powders and a sealed microwave plasma reactor

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C01B21/064; C01B21/068; C01B21/076;
C01B31/30; C01B31/36; C01B33/029; C01B33/03;
C01B33/18; C01B35/04; C01F17/00; C01G23/07;
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C01B21/00; C01B31/00; C01B33/00; C01B35/00;
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- Europäische: B01J12/00B; B01J19/12D6; B22F9/28; C01B13/28;
C01B21/064C; C01B21/068; C01B21/076C;
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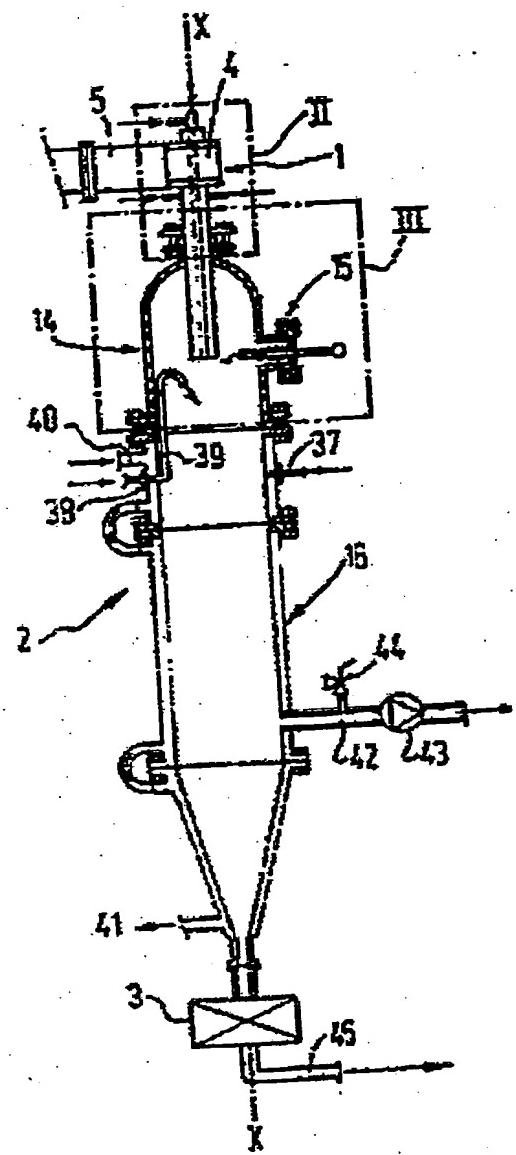
Auch veröffentlicht als:

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Datenfehler hier melden

Zusammenfassung von FR2591412

In a sealed enclosure 2, previously purged and kept at a slight overpressure, a reactive gas is passed through an annular plasma produced by a microwave torch 1; then, by means of gas jets 39, the reaction products are cooled on leaving this plasma so as to obtain a fine powder collected by a filter 3. Application to the production of powders of refractory materials, metallic oxides or metals.



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